

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: August 22, 2008

(use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	09/972,245
Filing Date	10/9/2001
First Named Inventor	Joseph ROBERTS
Art Unit	1635
Examiner Name	Richard A. Schnizer
Attorney Docket Number	078728-0104

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	E1	5,849,860	12-15-1998	HAKIMI et al.	
	E2	6,399,385	06-04-2002	CROYLE et al.	
	E3	6,583,267	06-24-2003	YAMASAKI et al.	
	E4	6,858,580	02-22-2005	EKWURIBE et al.	
	E5	7,229,810	06-12-2007	SHERMAN et al.	
	E6	7,265,084	09-04-2007	DeFREES et al.	
	E7	7,265,085	09-04-2007	DeFREES et al.	
	E8	2004/0062746	04-01-2004	MARTINEZ et al.	
	E9	2004/0062748	04-01-2004	MARTINEZ et al.	
	E10	2004/0180054	09-16-2004	KIM et al.	
	E11	2005/0089515	04-28-2004	LEY et al.	
	E12	2006/0148009	07-06-2006	BARBOSA et al.	
	E13	2007/0009477	01-11-2007	DESJARLAIS et al.	

**UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Document	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number-Kind Code <sup>2</sup> (if known)			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	E14	WO 1998/48837	11-05-1998	WHITLOW, et al.	AE Search	
	E15	WO 2002/092147	11-21-2002	GONDA	AE Search	
	E16	WO 2003/049699	06-19-2003	ROSEN, et al.	AE Search	
	E17	WO 2004/089421	10-21-2004	DESJARLAIS, et al.	AE Search	
	E18	WO 2006/044017	04-27-2006	BOROZAN, et al.	AE Search	
	E19	WO 2006/130799	12-07-2006	ZALIPSKY, et al.	AE Search	
	E20	WO 2007/047303	04-26-2007	ROBIC	AE Search	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  
**INFORMATION DISCLOSURE  
 STATEMENT BY APPLICANT**

Date Submitted: August 22, 2008

(use as many sheets as necessary)

Sheet 2 of 2

**Complete if Known**

Application Number	09/972,245
Filing Date	10/9/2001
First Named Inventor	Joseph ROBERTS
Art Unit	1635
Examiner Name	Richard A. Schnizer
Attorney Docket Number	078728-0104

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	E21	BAILON, et al., "Polyethylene Glycol-conjugated Pharmaceutical Proteins", <i>Pharmaceutical Science &amp; Technology Today</i> , Vol. 1, No. 8, 1998, p. 352-356.	
	E22	DELGADO, et al., "The Uses and Properties of PEG-linked Proteins", <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , Vol. 9/3-4, 1992, pp. 249-304.	
	E23	PASUT, et al., "Protein, Peptide and Non-Peptide Drug PEGylation for Therapeutic Application", <i>Expert Opinion</i> , Vol. 14, No. 6, 2004, pp. 859-894.	
	E24	ROBERTS, J. "Purification and Properties of a Highly Potent Antitumor Glutaminase-Asparaginase from <i>Pseudomonas</i> 7A", <i>Journal of Biol. Chem.</i> , Vol. 251, No. 7, April 10, 1976, pp. 2119-2123.	
	E25	ROBERTS, et al., "Attachment of Degradable Poly(ethylene glycol) to Proteins has the Potential to Increase Therapeutic Efficacy", <i>Journal of Pharm. Sciences</i> , Vol. 87, No. 11, 1998, pp. 1449-1445.	
	E26	ROBERTS, et al., "Chemistry for Peptide and Protein PEGylation", <i>Adv. Drug Delivery Rev.</i> , Vol. 54, 2002, pp. 459-476.	
	E27	VERMA, et al., "L-Asparaginase: A Promising Chemotherapeutic Agent", <i>Critical Reviews in Biotechnology</i> , Vol. 27, Issue 1, 2007.	

Examiner  
Signature

/Richard Schnizer/

Date  
Considered

02/03/2009

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.S./